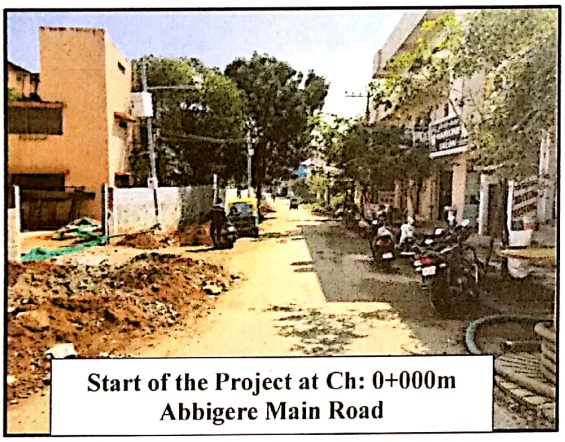
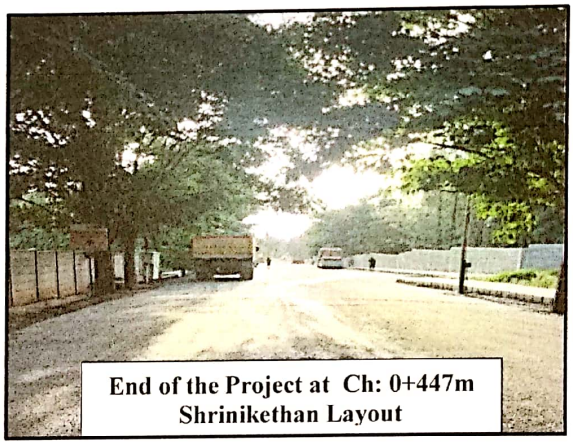
BRUHATH BENGALURU MAHANAGARA PALIKE (BBMP)
Office of the Executive Engineer,
Road Infrastructure – Dasarahalli Division
No. 207, 2nd floor, New Annexe Building-3, N R Square, Bengaluru-560002

NAME OF THE PROJECT: Widening & Comprehensive Development of Singapura Garden Road from Abbigere Main Road (Precision Components Factory) to Shrinikethan Layout (BDA Layout).



Start of the Project at Ch: 0+000m
Abbigere Main Road



End of the Project at Ch: 0+447m
Shrinikethan Layout

Contractor: M/s. SLV Constructions, #78 14th main road, 1st cross, 2nd stage, Bharath Nagar, Near Balaji Temple, Bengaluru- 560091.

PMC COMPLIANCE REPORT

FIRST AND PART BILL

PMC Consultant:

NEZ INFRATECH PRIVATE LIMITED
2nd Floor, P.Veerappa Arcade, Ittamadu Main Road,
Arehalli, Subramanyapura Post, Bangalore–560061,
Ph : +91 80 26731005, 43008989.
Email : nezsvy@gmail.com., nezsvy@yahoo.co.in.

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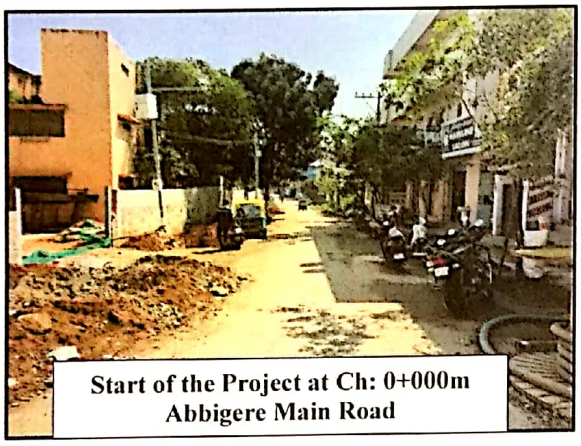

Start of the Project at Ch: 0+000m
Abbigere Main Road

End of the Project at Ch: 0+447m
Shrinikethan Layout

Contractor: M/s. SLV Constructions, #78 14th main road, 1st cross, 2nd stage, Bharath Nagar, Near Balaji Temple, Bengaluru- 560091.

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CIN:U70100KA2015PTC084544, PAN:AAFCN1036R, GSTIN 29AAFCN1036R1ZZ

Client	**BRUHATH BENGALURU MAHANAGARA PALIKE (BBMP)** Road Infrastructure - Dasarahalli Division
Agency	M/s. SLV Constructions, #78, 14th Main Road, 1st cross, 2nd stage, Bharath Nagar, Near Balaji Temple, Bengaluru-560091
Name of the work	Widening & Comprehensive Development of Singapura Garden Road from Abbigere Road (Precision Components Factory) to Shrinikethan Layout (BDA Layout).
Reference	EE/RI-Dhalli/WO/03/2021-22
Status of the bill	First & Part Bill

PMC COMPLIANCE REPORT

BOQ Item No.	Description	Unit	Qty.	Comments/ Observations
14	KSSRB 300-50. Scarifying bituminous course 50mm to 75mm thick along with premix carpet/ surface dressing by mechanical means attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM complete as per specifications. MORTH 1 Chapter 3.	Sqm	1624.44	Work done up to the billed quantity and the quality is satisfactory.
15	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 21.00 km and complete as per specifications. MORTH Specification No.301	Cum	4475.05	Work done up to the billed quantity and the quality is satisfactory.
16	Earth work in excavation for foundation of structures like culverts , retaining walls etc., as per drawing and technical specification, including setting out, construction of shoring and bracing, dressing of sides and bottom, back filling with approved material, disposal of balance earth as per specifications, including cost of labour, HOM etc, complete. in all kinds of soil by Mechanical means	Cum	508.02	Work done up to the billed quantity and the quality is satisfactory
17	Disposable of excavated un servicable road way earth with all lead of 19 km as per the direction of Engineer in charge	Cum	4983.07	Work done up to the billed quantity and the quality is satisfactory
18	KSRRB M300-54. Construction of embankment with approved material deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of Table 300-2 complete asper specifications. Which includes, watering charges & compaction by vibratory roller) MORTH Specification No. 305	Cum	2292.40	Work done up to the billed quantity and the quality is satisfactory

NEZ Infratech Pvt. Ltd.

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ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳು (ದಾಸರಹಳ್ಳಿ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೆಂಗಳೂರು - 02

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Civil Engineering Consultants
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20	Providing and laying in possition plain cement concrete of mix 1:2:4 for sub-structure works like Culverts,retaining walls etc.,with cement@ 240 kgs, 40 mm & down size graded granite metal coarse aggreate @ 0.84 cum and fin aggregates @ 0.46cum machine mixed, with necessary scoffolding form work etc., including cost of labour, HOM curing etc., complete	Cum	337.49	Work done up to the billed quantity and the quality is satisfactory
21	Providing and laying in position plain/Reinforced cement cement concrete M20 for sub-structure/Superstructure works, with cement @ 320 kgs, 20 mm & down size graded granite metal coarse aggregate @ 0.69 cum and fine aggregates @ 0.46 cum machine mixed with super plasticisers @ 3lts confirming to IS 9103-2008, concrete laid in layers, well compacted and providing weep holes wherever necessary with necessary scaffolding,form work etc., including cost of labour, HOM curing etc., complete.	Cum	319.26	Work done up to the billed quantity and the quality is satisfactory
22	KSRRB M2200-5.9. Providing and laying Design mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 including cost of materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. - i) Upto 5 m height	Cum	495.09	Work done up to the billed quantity and the quality is satisfactory
23	KSRRB M2200-6. Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking placing in position lapping and /or welding wherever required , tying with binding wire and anchoring to the adjoining members wherever necessary complete as design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No. 1600 & 2200. TMT Bars Fe 500	Tonne	68.33	Work done up to the billed quantity and the quality is satisfactory
26	Providing and laying of Filter media with granular materials /stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MORTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification including cost of materials, labour, HOM complete as per specifications.	Cum	72.34	Work done up to the billed quantity and the quality is satisfactory
27	Providing and laying 100mm thick pre-cast cover slabs over drains of width not exceeding 800 mm using M20 concrete reinforced with steel @ 6.00 kg/Sqm, slabs jointed in CM 1:3 proportion and nicely finished including providing holes in the Cover slabs wherever necessary for easy drainage of surface water including of labour, materials, HOM, curing, lead and lift charges etc, Complete as per MORTH specifications No. 1500,1700.	m	1273.00	Work done up to the billed quantity and the quality is satisfactory

NEZ Infratech Pvt. Ltd. Authy.

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ರಸ್ತೆ ಮೂಲಸೌಕರ್ಯಗಳು (ದಾಸರಹಳ್ಳಿ)
ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೆಂಗಳೂರು - 02

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29	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision.	Cum	1686.10	Work done up to the billed quantity and the quality is satisfactory
30	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum	2425.91	Work done up to the billed quantity and the quality is satisfactory
31	KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 KSRB 5.2-3 : - do - cement mortar 1:6 KBS 5.1.13	Cum	145.86	Work done up to the billed quantity and the quality is satisfactory
33	Providing flush pointing to square rubble , course or uncoursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour,HOM curing complete as per specifications in cement mortar 1:3	Sqm	2410.11	Work done up to the billed quantity and the quality is satisfactory
34	KSRB 5-14: Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of ail materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 with solid concrete blocks of size 400x150x200mm	Sqm	1395.26	Work done up to the billed quantity and the quality is satisfactory
35	KSRB - 15-3.9: Providing 20mm thick cement plaster in single coat with cement mortor ,1:4 to stone masonry& concrete surface including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. in cement mortar 1:3	Sqm	388.20	Work done up to the billed quantity and the quality is satisfactory
38	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. MORTH I Chapter 3	Sqm	8342.84	Work done up to the billed quantity and the quality is satisfactory
40	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading unloading, lead and lift, transportation etc., completeas per the direction of engineer in-charge	Nos.	2848.00	Work done up to the billed quantity and the quality is satisfactory

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹನಗರ ಪಾಲಿ
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50	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. Clause 502 of MORTH V revision	Sqm	9967.28	Work done up to the billed quantity and the quality is satisfactory
51	KSRRB 500-9. Providing and applying tack coat using 80/100 grade bitumen(VGIO) on granular base such as WBM surfaces hot bitumen primed at 4 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications. Clause 503 of MORTH V revision	Sqm	9967.28	Work done up to the billed quantity and the quality is satisfactory
52	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading; premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and ialignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision using 40/60 TPH capacity H.M.P. with - Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cum	498.36	Work done up to the billed quantity and the quality is satisfactory
53	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications. Clause 503 of MORTH V revision	Sqm	10009.73	Work done up to the billed quantity and the quality is satisfactory
54	Providing and laying bitumnous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015 using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cum	398.69	Work done up to the billed quantity and the quality is satisfactory

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